

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Sun Chang Kim, et al.

App. No.: 10/505,328

Conf. No.: 5904

Filing Date: October 31, 2002

Title: CONSTRUCTION OF NOVEL  
STRAINS CONTAINING MINIMIZING  
GENOME BY TN5-COUPLED CRE/LOXP  
EXCISION SYSTEM

Examiner: Not Yet Assigned

**AMENDMENT AND RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE**

Commissioner for Patents  
PO BOX 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the Notification of Defective Response mailed on April 26, 2007 for the above-identified patent application.

In response, Applicants file herewith the Substitute Sequence Listing for the above-identified patent application and respectfully request that the Substitute Sequence Listing be entered into the application. The following items are enclosed with this submission:

- 1) Paper copy of the Substitute Sequence Listing which is in compliance with 37 CFR §§ 1.821-1.825 and in which "n" nucleotides in the oligonucleotide with SEQ ID NO: 11 are explained, as requested in the Validation Report;
- 2) Substitute computer readable form (CFR) copy for the paper copy from item 1); and
- 3) Statement that the sequences in items 1) and 2) are the same and that the Substitute Sequence Listing does not introduce new matter;

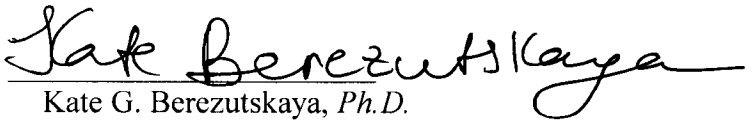
No fees are believed to be due in connection with the filing of this Substitute Sequence Listing, however, should any fees be deemed necessary for further prosecution of the above-identified patent application, the Commissioner is hereby authorized to deduct the fees from Howrey LLP Deposit Account 08-3038, referencing the above-identified docket number.

Applicants respectfully submit that this filing of the Substitute Sequence Listing puts the application in compliance with the requirements of 37 CFR §§1.821-1.825 and does not introduce new matter.

Respectfully submitted,

HOWREY LLP

Dated: April 14, 2008

By:   
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